CMS Simulation (LHE) 13 TeV 0.25 Fraction of events / 1 GeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2 \gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_2} = 1 \text{ GeV}$ $m_{\gamma_{_D}}$ = 0.3 GeV, $c\tau_{\gamma_{_D}}$ = 0.5 mm 0.2 1st muon (leading p_T) 2nd muon 3rd muon 4th muon 0.15 0.1 0.05 20 40 60 80 100 120 p_{\perp} of μ [GeV]